

L Number	Hits	Search Text	DB	Time stamp
1	1088	(hydrocarbon or aromatic) near3 (size or radius or diameter)	USPAT	2002/12/03 13:00
2	58656	(catalyst or sapo\$3 or silico-aluminophosphate or silicoaluminophosphate) near4 (modified or modify or activat\$3 or form\$3 or in-situ or insitu or exsitu or ex-situ)	USPAT	2002/12/03 13:16
3	245	((hydrocarbon or aromatic) near3 (size or radius or diameter)) and ((catalyst or sapo\$3 or silico-aluminophosphate or silicoaluminophosphate) near4 (modified or modify or activat\$3 or form\$3 or in-situ or insitu or exsitu or ex-situ))	USPAT	2002/12/03 12:59
5	1109	((hydrocarbon or aromatic) near3 (size or radius or diameter)) or ((hydrocarbon or aromatic) near3 (dimension))	USPAT	2002/12/03 13:01
6	247	((catalyst or sapo\$3 or silico-aluminophosphate or silicoaluminophosphate) near4 (modified or modify or activat\$3 or form\$3 or in-situ or insitu or exsitu or ex-situ)) and (((hydrocarbon or aromatic) near3 (size or radius or diameter)) or ((hydrocarbon or aromatic) near3 (dimension)))	USPAT	2002/12/03 13:02
7	6	((catalyst or sapo\$3 or silico-aluminophosphate or silicoaluminophosphate) near4 (modified or modify or activat\$3 or form\$3 or in-situ or insitu or exsitu or ex-situ)) near20 (((hydrocarbon or aromatic) near3 (size or radius or diameter)) or ((hydrocarbon or aromatic) near3 (dimension)))	USPAT	2002/12/03 13:02
4	25	(hydrocarbon or aromatic) near3 (dimension)	USPAT	2002/12/03 13:05
8	973	sapo or silicoaluminophosphate	USPAT	2002/12/03 13:05
9	5906	sapo\$3 or silicoaluminophosphate or silico-aluminophosphate	USPAT	2002/12/03 13:07
10	7470	((hydrocarbon or aromatic) near3 (size or radius or diameter)) or ((hydrocarbon or aromatic) near3 (dimension))) and (sapo\$3 or silicoaluminophosphate or silico-aluminophosphate)	USPAT	2002/12/03 13:07
11	1122	((catalyst or sapo\$3 or silico-aluminophosphate or silicoaluminophosphate) near4 (modified or modify or activat\$3 or form\$3 or in-situ or insitu or exsitu or ex-situ)) and (((hydrocarbon or aromatic) near3 (size or radius or diameter)) or ((hydrocarbon or aromatic) near3 (dimension))) and (sapo\$3 or silicoaluminophosphate or silico-aluminophosphate)	USPAT	2002/12/03 13:08
12	247	((hydrocarbon or aromatic) near3 (size or radius or diameter)) or ((hydrocarbon or aromatic) near3 (dimension))) and ((catalyst or sapo\$3 or silico-aluminophosphate or silicoaluminophosphate) near4 (modified or modify or activat\$3 or form\$3 or in-situ or insitu or exsitu or ex-situ))	USPAT	2002/12/03 13:08

13	14	(sapo\$3 or silicoaluminophosphate or silico-aluminophosphate) and (((hydrocarbon or aromatic) near3 (size or radius or diameter)) or ((hydrocarbon or aromatic) near3 (dimension))) and ((catalyst or sapo\$3 or silico-aluminophosphate or silicoaluminophosphate) near4 (modified or modify or activat\$3 or form\$3 or in-situ or insitu or exsitu or ex-situ))) ("4677242" or "4752651").pn.	USPAT	2002/12/03 15:19
14	2		USPAT	2002/12/03 13:13
15	7443	(aromatic or benzene) near4 (diuent or catalyst)	USPAT	2002/12/03 13:42
16	449742	methanol or alcohol or ether	USPAT	2002/12/03 13:35
17	5352	((aromatic or benzene) near4 (diuent or catalyst)) and (methanol or alcohol or ether)	USPAT	2002/12/03 13:18
18	2	((("4677242" or "4752651").pn.) and (methanol or alcohol or ether)	USPAT	2002/12/03 13:41
19	0	((aromatic or benzene) near4 (diuent or catalyst)) and (((("4677242" or "4752651").pn.) and (methanol or alcohol or ether))	USPAT	2002/12/03 13:41
20	9620	(aromatic or benzene) near4 (diluent or catalyst)	USPAT	2002/12/03 13:42
21	2	((("4677242" or "4752651").pn.) and (methanol or alcohol or ether)) and ((aromatic or benzene) near4 (diluent or catalyst))	USPAT	2002/12/03 13:42
22	63170	(narrow\$3 or modify or modifying modified or alter\$3) near5 (mouth or size or diameter or dimension or radius or neck)	USPAT	2002/12/03 14:47
23	113	((hydrocarbon or aromatic) near3 (size or radius or diameter)) or ((hydrocarbon or aromatic) near3 (dimension))) and ((narrow\$3 or modify or modifying modified or alter\$3) near5 (mouth or size or diameter or dimension or radius or neck))	USPAT	2002/12/03 14:47
24	24	((catalyst or sapo\$3 or silico-aluminophosphate or silicoaluminophosphate) near4 (modified or modify or activat\$3 or form\$3 or in-situ or insitu or exsitu or ex-situ)) and (((hydrocarbon or aromatic) near3 (size or radius or diameter)) or ((hydrocarbon or aromatic) near3 (dimension))) and (((hydrocarbon or aromatic) near3 (size or radius or diameter)) or ((hydrocarbon or aromatic) near3 (dimension))) and ((narrow\$3 or modify or modifying modified or alter\$3) near5 (mouth or size or diameter or dimension or radius or neck)))	USPAT	2002/12/03 14:52
25	80664	208/\$.ccls. or 585/\$.ccls. or 502/\$.ccls.	USPAT	2002/12/03 14:53
26	43	((hydrocarbon or aromatic) near3 (size or radius or diameter)) or ((hydrocarbon or aromatic) near3 (dimension))) and ((narrow\$3 or modify or modifying modified or alter\$3) near5 (mouth or size or diameter or dimension or radius or neck))) and (208/\$.ccls. or 585/\$.ccls. or 502/\$.ccls.)	USPAT	2002/12/03 15:08
27	302	585/638.ccls.	USPAT	2002/12/03 15:08
28	850	585/639-642.ccls.	USPAT	2002/12/03 15:08

29	1049	585/638.ccls. or 585/639-642.ccls.	USPAT	2002/12/03 15:09
30	2	((((hydrocarbon or aromatic) near3 (size or radius or diameter)) or ((hydrocarbon or aromatic) near3 (dimension))) and ((narrow\$3 or modify or modifying modified or alter\$3) near5 (mouth or size or diameter or dimension or radius or neck))) and (585/638.ccls. or 585/639-642.ccls.)	USPAT	2002/12/03 15:10
31	0	(sapo\$3 or silicoaluminophosphate or silico-aluminophosphate) and ((((hydrocarbon or aromatic) near3 (size or radius or diameter)) or ((hydrocarbon or aromatic) near3 (dimension))) and ((narrow\$3 or modify or modifying modified or alter\$3) near5 (mouth or size or diameter or dimension or radius or neck)))	USPAT	2002/12/03 15:11
32	510	(sapo\$3 or silicoaluminophosphate or silico-aluminophosphate) and ((narrow\$3 or modify or modifying modified or alter\$3) near5 (mouth or size or diameter or dimension or radius or neck))	USPAT	2002/12/03 15:11
33	6	(585/638.ccls. or 585/639-642.ccls.) and ((sapo\$3 or silicoaluminophosphate or silico-aluminophosphate) and ((narrow\$3 or modify or modifying modified or alter\$3) near5 (mouth or size or diameter or dimension or radius or neck)))	USPAT	2002/12/03 15:11
34	3	("4062905" or "4499323" or "4440871").pn.	USPAT	2002/12/03 15:27
35	0	((aromatic or benzene) near4 (diluent or catalyst)) and (("4062905" or "4499323" or "4440871").pn.)	USPAT	2002/12/03 15:27
36	1	(sapo\$3 or silicoaluminophosphate or silico-aluminophosphate) and (("4062905" or "4499323" or "4440871").pn.)	USPAT	2002/12/03 15:27
37	0	((aromatic or benzene) near4 (diuent or catalyst)) and (("4062905" or "4499323" or "4440871").pn.)	USPAT	2002/12/03 15:28
38	0	((hydrocarbon or aromatic) near3 (size or radius or diameter)) or ((hydrocarbon or aromatic) near3 (dimension)) and (("4062905" or "4499323" or "4440871").pn.)	USPAT	2002/12/03 15:28
39	59499	((hydrocarbon or aromatic) near3 (size or radius or diameter)) or ((catalyst or sapo\$3 or silico-aluminophosphate or silicoaluminophosphate) near4 (modified or modify or activat\$3 or form\$3 or in-situ or insitu or exsitu or ex-situ))	USPAT	2002/12/03 15:28
40	2	((("4062905" or "4499323" or "4440871").pn.) and ((hydrocarbon or aromatic) near3 (size or radius or diameter)) or ((catalyst or sapo\$3 or silico-aluminophosphate or silicoaluminophosphate) near4 (modified or modify or activat\$3 or form\$3 or in-situ or insitu or exsitu or ex-situ)))	USPAT	2002/12/03 15:28

32 and 35("5817901" or 4,704,492 or 4,960,960).pn.
(up-flow\$3 or upflow\$3 or (up near2 flow))
1 and 2
recycl\$3
1 and 7
methanol adj conversion
sapo\$3
10 and 11
(methanol or oxygenate or alcohol) near6 (olefin or alkene or oligomer or diolefin or polyolefin
or polyethylene or diethylene)
12 and 13
co-catalyst or cocatalyst
14 and 15
(catalyst or co-catalyst or cocatalyst) near5 (pretreat\$ or form\$3 or produc\$3) near5
(hydrocarbon or aromatic)
14 and 17
(catalyst or sapo\$3) near5 aromatic
18 and 19
(catalyst or sapo\$3) near5 activat\$2 near6 aromatic
17 and 22
13 and 21
methanol near4 index
13 and 24
10 and 25
pore-mouth or (pore near2 mouth)
10 and 27
hydrocarbon near9 27
"250"
12 and 30
methanol near8 30
13 and 31
"250"
32 and 35